

Appendix C

Acronyms/Abbreviations

| | |
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| 21CGS | 21st Century Ground Systems |
| ABEDRR | Advanced Booster Engineering Demonstration and/or Risk Reduction |
| ADL | Applicable Documents List |
| ANSI | American National Standards Institute |
| AoA | Angle-of-Attack |
| ASME | American Society of Mechanical Engineers |
| ATP | Authority to Proceed |
| BOE | Basis of Estimate |
| CAD | Computer Aided Design |
| CAS | Cost Accounting Standard |
| CASB | Cost Accounting Statement Board |
| CASI | Center for AeroSpace Information |
| CD | Compact Disk |
| CFO | Chief Financial Office |
| CFR | Code of Federal Regulations |
| CLV | Concept Launch Vehicle |
| CO | Contracting Officer |
| COR | Contracting Officer's Representative |
| COTR | Contracting Officer's Technical Representative |
| CS | Core Stage |
| CSME | Core Stage Main Engine |
| DDT&E | Design, Development, Test, and Evaluation |
| deg | Degree (angular measurement) |

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|--------|--|
| deg F | Degrees Fahrenheit (temperature) |
| DoD | Department of Defense |
| DoF | Degrees-of-Freedom |
| DOT | Department of Transportation |
| DPD | Data Procurement Document |
| DRD | Data Requirements Document |
| DRL | Data Requirements List |
| DRM | Design Reference Mission |
| EAR | Export Administration Regulations |
| EDRR | Engineering Demonstration and Risk Reduction |
| EP | Equivalent People |
| EPA | Environmental Protection Agency |
| ETR | Eastern Test Range |
| FAPIIS | Federal Awardee Performance and Integrity Information System |
| FAR | Federal Acquisition Regulation |
| FFP | Firm-Fixed-Price |
| FFRDC | Federally Funded Research and Development Centers |
| FISMA | Federal Information Security Management Act |
| FPR | Flight Performance Reserve |
| Ft | Foot or Feet |
| FTS | Flight Termination System |
| FY | Fiscal Year |
| G&A | General and Administrative |
| GAO | General Accounting Office |
| GFP | Government Furnished Property |

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|---------|---|
| GFY | Government Fiscal Year |
| GG | Gas Generator |
| GLOW | Gross Liftoff Weight |
| GN&C | Guidance, Navigation, and Control |
| GR&As | Ground Rules & Assumptions |
| GRACE | Gravity Recovery and Climate Experiment |
| GRAM | Global Reference Atmospheric Model |
| GSE | Ground Support Equipment |
| HBCU/MI | Historically Black College or University and Minority Institution |
| HCF | High Cycle Fatigue |
| HDBK | Handbook |
| HEO | Human Exploration and Operations |
| HRB | Hybrid Rocket Booster |
| HSPD | Homeland Security Presidential Directive |
| HUB | Historically Underutilized Business |
| IACRO | Inter Agency Cost Reimbursement Order |
| IAGP | Installation Accountable Government Property |
| ICD | Interface Control Document |
| III | Interstate Identification Index |
| INKSNA | Iran, North Korea, and Syria Nonproliferation Act |
| IPO | Industrial Property Officer |
| IR&D | Independent Research and Development |
| IRIS | Incident Reporting Information System |
| ITAR | International Traffic in Arms Regulations |
| JFTR | Joint Federal Travel Regulations |

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|------|---|
| km | Kilometer |
| KSC | Kennedy Space Center |
| LC | Launch Complex |
| LEO | Low Earth Orbit |
| LH2 | Liquid Hydrogen |
| LO2 | Liquid Oxygen |
| LPS | Lightning Protection System |
| LRB | Liquid Rocket Booster |
| MAF | Michoud Assembly Facility |
| MAIR | Maximum Allowable Incident Rate |
| MECO | Main Engine Cut Off |
| MIL | Military |
| MIPR | Military Interdepartmental Purchase Request |
| ML | Mobile Launcher |
| MPR | Marshall Procedural Requirement |
| MPS | Main Propulsion System |
| MSFC | Marshall Space Flight Center |
| MWI | Marshall Work Instruction |
| NAC | National Agency Check |
| NAIS | NASA Acquisition Internet Service |
| NASA | National Aeronautics and Space Administration |
| N/A | Not Applicable |
| NCIC | National Crime Information Center |
| NESS | NF 1018 Electronic Submission System |
| NF | NASA Form |

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|---------|--|
| NFS | NASA FAR Supplement |
| NIMA | National Imaging and Mapping [Technical Report 8350.2] |
| nmi | Nautical Mile |
| NPD | NASA Procedure Document |
| NPE | Non-propulsive Payload Element |
| NPR | NASA Procedural Requirements |
| NRA | NASA Research Announcement |
| NRRS | NASA Records Retention Schedules |
| NSPIRES | NASA Solicitation and Proposal Integrated Review and Evaluation System |
| ODC | Other Direct Cost |
| OMB | Office of Management and Budget |
| OML | Outer Mold Line |
| OPR | Office of Primary Responsibility |
| ORCA | On-Line Representations and Certifications Application |
| ORI | Operational Readiness Inspection |
| ORR | Operational Readiness Review |
| ORSC | Oxygen Rich Staged Combustion |
| OSHA | Occupational Safety and Health Administration |
| PEG | Powered Explicit Guidance |
| PIV | Personal Identity Verification |
| PKI | Public Key Infrastructure |
| POC | Point of Contact |
| PPB&E | Program, Planning, Budget, and Execution |
| PP&E | Property, Plant, and Equipment |
| PPE | Personal Protective Equipment |

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| PPIRS | Past Performance Information Retrieval System |
| PRS | Performance Requirement Summary |
| PSA | Property Support Assistant |
| PWS | Performance Work Statement |
| RFI | Request for Information |
| RINU | Redundant Inertial Navigation Unit |
| ROM | Rough Order of Magnitude |
| RP | Refined Petroleum |
| RSRMV | Reusable Solid Rocket Motor V (Five Segment) |
| S&MA | Safety & Mission Assurance |
| SAA | Space Act Agreement |
| SBU | Sensitive But Unclassified |
| SDB | Small Disadvantaged Business |
| SEB | Selection Evaluation Board |
| SEMO | Supply and Equipment Management Officer |
| SF | Standard Form |
| SHE | Safety, Health, and Environmental |
| SLS | Space Launch System |
| SOW | Statement of Work |
| SRB | Solid Rocket Booster |
| SSME | Space Shuttle Main Engine |
| STI | Scientific and Technical Information |
| TBD | To Be Determined |
| TBR | To Be Resolved |
| TIM | Technical Interchange Meeting |

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|-----|---------------------------|
| TLI | Trans-Lunar Injection |
| TRR | Test Readiness Review |
| TVC | Thrust Vector Control |
| T/W | Thrust-to-Weight |
| US | Upper Stage |
| USE | Upper Stage Engine |
| VAB | Vehicle Assembly Building |
| WBS | Work Breakdown Structure |
| WGS | World Geodetic System |